

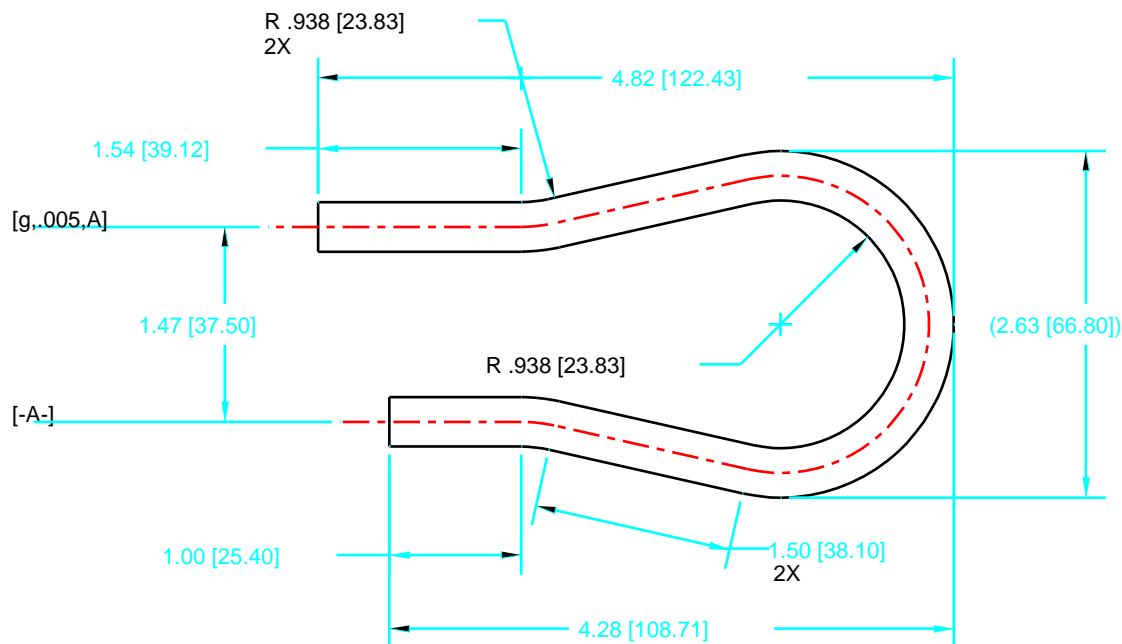
(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

## NOTE:

1. HIGH QUALITY FULLY ANNEALED SEAMLESS TYPE 316, AUSTENITIC STAINLESS STEEL HYDRAULIC TUBING ASTM A213, A269, A632 OR EQUIVALENT. HARDNESS Rb80 OR LESS. TUBING TO BE FREE OF SCRATCHES. O.D. TOLERANCE NOT TO EXCEED  $-.003$ .
2. USE PROPER TUBE BENDER TO BEND THE TUBE. KEEP THE TUBE ENDS STRAIGHT AND PROPER ROUNDNESS WITHOUT SCRATCH.
3. BOTH I.D. AND O.D. OF TUBES SHOULD BE DEBURRED AFTER CUTTING.
4. ALL DIMENSIONS WITH [ ] ARE MILLIMETERS.



ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X - .015 .XX - .010 .XXX - .005 ANGULAR - .25 SURFACE ROUGHNESS 125 REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		LOG NUMBER <b>A19135</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
DRAWN BY R. KRAKORA		DATE 6/94	CHIEF DESIGN ENGINEER D. SHU	DATE 6/27/94
CHECKED BY J. CHANG		DATE 6/26/94	GP LEADER T. M. KUZAY	DATE 6/28/94
DESIGNER R. KRAKORA		DATE 6/94	PROJECT MGR.	
RESPONSIBLE ENGINEER J. CHANG		DATE 6/26/94	APPROVED/RELEASED	
MATERIAL SST 316 .375 OD X.035 WALL X9.34 LG		SCALE 1:1	SIZE B	DRAWING NUMBER P4105090907-230001-00
DO NOT SCALE DRAWING		SHEET 1 of 1		

ADVANCED PHOTON SOURCE  
P7 BM FIXED W/M/S  
INTEGRAL SHUTTER  
WHITE BEAM STOP  
COOLING TUBE